

## INTERNATIONAL SEARCH REPORT

PCT 03/02992

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LAOUTARIS, STAVRAKAKIS: "Intrastream synchronizuaion for continuous media streams: a survey of playout schedulers" IEEE NETWORK MAGAZINE, 'Online! vol. 16, no. 3, May 2002 (2002-05), XP002256212 Retrieved from the Internet: <URL:citeseer.nj.nec.com> 'retrieved on 2003-09-30!	1,9, 15-17
Y	page 2, column G page 3, column G, paragraph IV.TIME.ORIENTED.PLAYOUT.SCHEDULERS -page 4, column G page 9, column D --- -/--	2-5,7,8, 10-14

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

30 September 2003

Date of mailing of the international search report

16/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Lefebvre, L

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	BIN YU, KLARA NAHRSTEDT: "Softlink: Realtime Software HD stream filtering for QOS control" TECHNICAL REPORT, 'Online! 8 December 2001 (2001-12-08), XP002256213 Retrieved from the Internet: <URL:http://cairo.cs.uiuc.edu/HD/> 'retrieved on 2003-09-30! page 3, paragraph 2.1.MPEG2.STANDARD page 13, paragraph 4.3.THE.SYNCHRONIZATION.PROBLEM -page 15 ---	2-5,7,8, 10-14
X	LIU: "Extension of RTP payload type for multiple program MPEG transport stream" IETF DRAFT AUDIO VIDEO TRANSPORT GROUP (AVT), 'Online! 22 October 1999 (1999-10-22), XP002256214 Retrieved from the Internet: <URL:www.ietf.org> 'retrieved on 2003-09-30! paragraph '3.A.FOUR.LAYER.MODEL!; figure 1 ---	1,9, 15-17
Y	EP 0 987 894 A (VICTOR COMPANY OF JAPAN) 22 March 2000 (2000-03-22) abstract; figure 2 paragraph '0024! ---	2-5,7,8, 10-14
X	EP 0 987 894 A (VICTOR COMPANY OF JAPAN) 22 March 2000 (2000-03-22) abstract; figure 2 paragraph '0024! ---	1,9, 15-17
A	SCHULZRINNE H ET AL: "RFC 1889: RTP: A Transport Protocol for Real-Time Applications" NETWORK WORKING GROUP REQUEST FOR COMMENTS, XX, XX, January 1996 (1996-01), pages 1-38, XP002229836 for interarrival jitter, transit time and wall clock in RTP paragraph '6.3.SENDER.AND.RECEIVER.REPORTS! ---	1,9, 15-17
A	US 5 640 388 A (HAMMOND MAYNARD D ET AL) 17 June 1997 (1997-06-17) abstract ---	1,9, 15-17
A	EP 0 876 017 A (LSI LOGIC CORP) 4 November 1998 (1998-11-04) the whole document -----	1,9, 15-17

## INTERNATIONAL SEARCH REPORT

PCT/JP 03/02992

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0987894	A	22-03-2000	SG 71835 A1	18-04-2000
			EP 0987894 A2	22-03-2000
			JP 2000092130 A	31-03-2000
US 5640388	A	17-06-1997	NONE	
EP 0876017	A	04-11-1998	EP 0876017 A1	04-11-1998
			US 2002191645 A1	19-12-2002